

Application No.: 10/594,972  
Art Unit: 4133

Amendment under 37 CFR §1.111  
Attorney Docket No.: 062953

### **REMARKS**

Please reconsider the application in view of the foregoing amendments and the following remarks.

### **Status of Claims**

Claims 1, 3, 4 and 6-8 are pending in the present application. Claim 1 is herein amended.  
No new matter has been entered.

### **As to the Merits**

As to the merits of this case, the Examiner sets forth the following rejections:

Claims 1, 3, 4 were rejected under 35 U.S.C. 103(a) as being unpatentable over **Miller et al.** (2003/0034877A1) in view of **Arnold** (2003/0224729A1) and further in view of **Laroia et al.** (2008/0182580A1).

Claims 6-8 were rejected under 35 U.S.C. 103(a) as being unpatentable over **Miller et al.** (2003/0034877A1) in view of **Arnold** (2003/0224729A1) and **Laroia et al.** (2008/0182580A1) as applied to claim 1 above, and further in view of **Takeshi** English abstract of (JP02002/176426A) and **Stevens** (2004/0014457A1).

Each of these rejections is respectfully traversed.

**Claim Rejections - 35 U.S.C. § 103**

**Independent claim 1**

Claim 1, as amended, is drawn to ... *wherein in a connecting state where said first transmitter and said second transmitter are connected, said first antenna and said second antenna simultaneously transmit identical information as an identical signal.*

For example, as noted in paragraph [0050] of the present specification, “[t]he transmitter circuit part 22 obtains transmission data from the first transmitter 10, forms a transmission signal, and outputs the transmission signal to the second antenna 21 provided in the second transmitter 20. At the same time, the transmitter circuit part 22 outputs the transmission signal to the first antenna 11 provided in the first transmitter 10, and **the same transmission signal is transmitted from the second antenna 21 and the first antenna 11 simultaneously.**” (emphasis added).

On page 3 of the Office Action, it is acknowledged that Miller does not teach “said second transmitter comprises *a transmitter circuit which outputs identical information as a transmission signal to said first antenna and said second antenna ....*” Nonetheless, it is alleged that Arnold, in paragraph [0059], teaches “[t]he wireless data transmitter unit simultaneously transmits a first identical copy of the data packet 708 using a first carrier frequency, and a second identical copy of the data packet 710 using a second carrier frequency) ....”

As the Examiner acknowledges, Arnold, in Fig. 11, teaches a transmitter unit that simultaneously transmits a first **identical copy** of the data packet using a **first carrier frequency**

(FREQ A), and a **second identical** copy of the data packet using a **second carrier frequency (FREQ B)**. **In other words**, Arnold transmits same information (data packet) at the same time, but on different frequencies such as A and B (Fig. 11).

**In contrast**, as illustrated in Fig. 2, for example, the identical output of the transmitter circuit part 22 is fed to first antenna and the second antenna. Therefore, the claimed invention is **completely different** from Arnold because not only the information such as a data packet is identical, but also the information is transmitted on same transmission signal such as a carrier frequency.

Therefore, it is respectfully submitted that Arnold also does not disclose *wherein in a connecting state where said first transmitter and said second transmitter are connected, said first antenna and said second antenna simultaneously transmit identical information as an identical signal*.

Because one the proposed combination of references does not teach or suggest at least *wherein in a connecting state where said first transmitter and said second transmitter are connected, said first antenna and said second antenna simultaneously transmit identical information as an identical signal* in claim 1, it is submitted that claims 1, 3, 4 and 6-8 would not have been obvious over these references. Accordingly, it is requested that the rejection under 35 U.S.C. 103 be withdrawn

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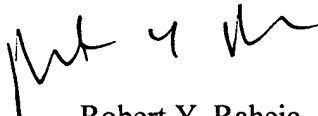
**Conclusion**

The Claims have been shown to be allowable over the prior art. Applicants believe that this paper is responsive to each and every ground of rejection cited in the Office Action dated December 3, 2008, and respectfully request favorable action in this application. The Examiner is invited to telephone the undersigned, applicants' attorney of record, to facilitate advancement of the present application.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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